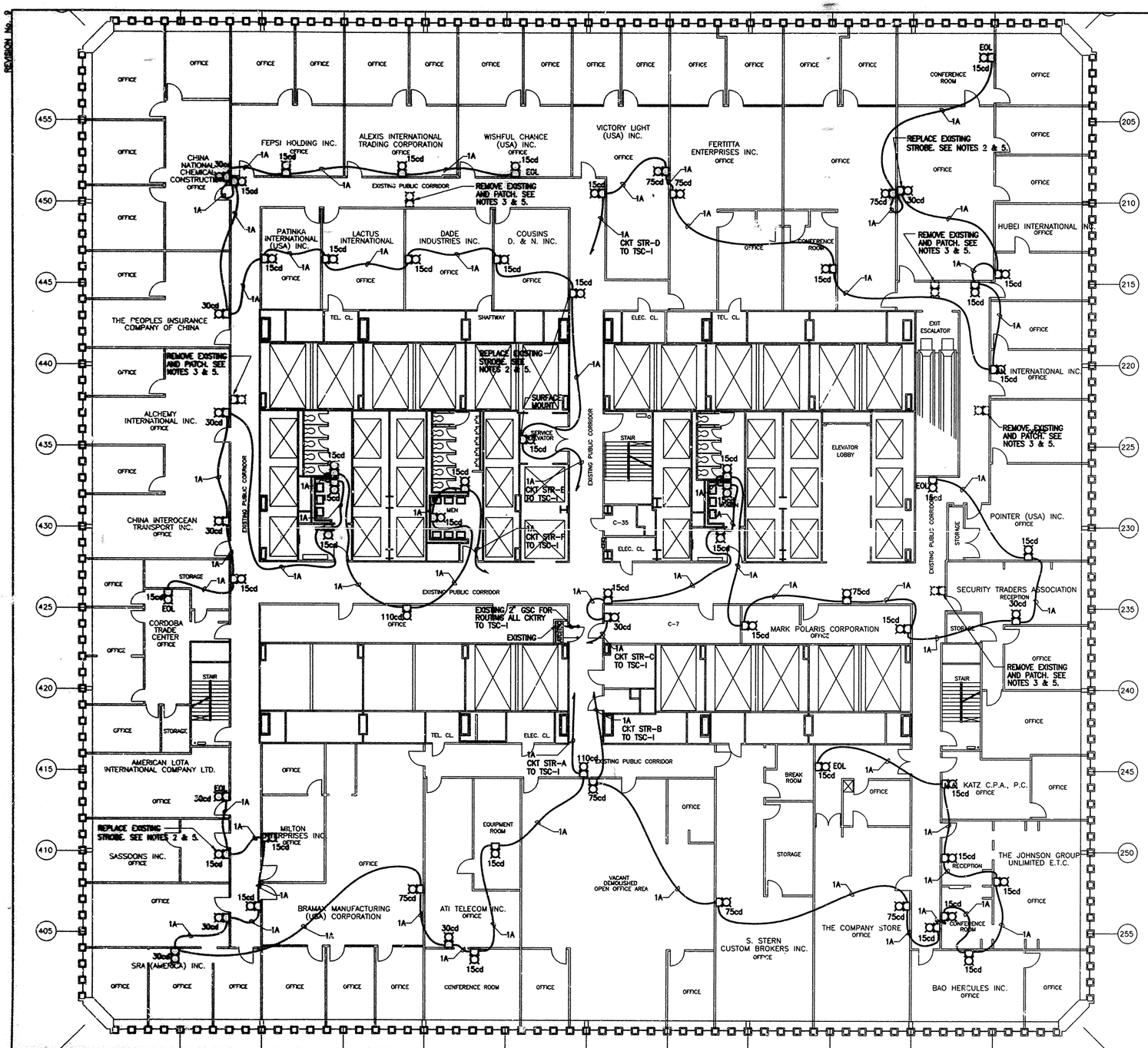
REVISION No. 3

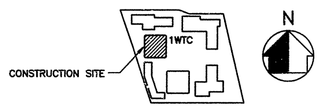


NOTES:

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWG. E-2. FOR WIRING DIAGRAMS, SEE DWG. E-3.
2. REPLACE EXISTING STROBE WITH THE SHOWN CANDELA RATED STROBE. AND REMOVE AS SHOWN. EXISTING BACKBOX AND CONDUIT STUB CAN BE UTILIZED IF IT IS SIMILAR TO THE TYPICAL STROBE OR COMBINATION BOX. SEE INSTALLATION DETAIL "B" ON DWG. E-2.
3. ONLY AFTER INSTALLED STROBES ARE TESTED AND OPERATIONAL, SHALL CONTRACTOR REMOVE EXISTING STROBE IN THE PRESENCE OF THE ENGINEER. PATCH WALL TO MATCH EXISTING WALL FINISH.
4. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN ON DRAWING.
5. DISCONNECT AND ABANDON EXISTING STROBE CIRCUITS IN CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.

STROBE CIRCUIT/LOADING TABLE

STROBE TYPE AND RATING	TYPE	15cd	30cd	75cd	110cd	CURRENT PER CIRCUIT (AMPS.)	CIRCUIT LENGTH (ft.)
	CURRENT IN AMPS (A)	0.063	0.100	0.165	0.209		
QUANTITY OF STROBES PER CIRCUIT	STR-A	5	4	1	1	1.089	344
	STR-B	7	0	3	0	0.936	328
	STR-C	8	2	1	0	0.869	314
	STR-D	6	1	3	0	0.973	437
	STR-E	10	2	0	0	0.830	402
	STR-F	7	2	0	1	0.850	350
	GRAND TOTAL					5.547	2175



KEY PLAN

0 12 24
SCALE IN FEET

Sheet 9 of 75

[redacted]
CITY OF NEW YORK

[redacted]
ENGINEERING PROGRAM MANAGER
WORLD TRADE CENTER

CHIEF ELECTRICAL ENGINEER

No.	Date	Revision	Approved
1	8/23/99	AS-BID	

ENGINEERING DEPARTMENT
DESIGN DIVISION

WORLD TRADE CENTER

ELECTRICAL

Title

FIRE ALARM SYSTEM DEVICE UPGRADE PHASE III 1 WORLD TRADE CENTER CONTRACT NO. 3

45th FLOOR STROBE INSTALLATION AND REMOVAL PLAN

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN Designed by | E. KOTSKI Drawn by | A.S. Checked by

AUGUST 9, 1999
Date

WTC-881.176 Contract Number | E-045-4 Drawing Number

FILE NAME: Y:\Wtc-881.176\17EE-045-4R0.DWG plotted on 7/21/1999 by MDUKESHIRE